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FROM: Gwilym J.O. Attwell

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OF PAGES (INCLUDING COVER):21

FILE NAME: ISIS0002-102/ISIS4313

DATE: August 1, 2003

FILE #: 129903

RECIPIENT(S)	PHONE	FAX
Examiner Sean McGarry	703.305-7028	703.872-9306

MESSAGE:

OFFICIAL FAX! PLEASE DELIVER TO EXAMINER McGarry

Serial No. 09/479,783

Filing Date January 7, 2000

Attachments: Transmittal Form (1 sheet)
Fee Transmittal Form (1 sheet)(w/auth to chg Deposit Acct.)
Amendment and Request for Reconsideration (17 sheets)
Sheet 12 of 16 of PTO Form 1449

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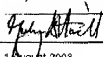
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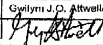
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/479,783
		Filing Date	January 7, 2000
		First Named Inventor	Stanley T. Crooke
		Group Art Unit	1635
		Examiner Name	Sean McGarry
Total Number of Pages in This Submission	21	Attorney Docket Number	ISIS0002-102 /ISIS4313

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) Sheet 12 OF 15 (2-110 FORM 1449 DTD 02/14/00)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Gwilym J.O. Atwell/Reg. No. 45,449
Signature	
Date	1 August 2003

CERTIFICATE OF FACSIMILE	
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office to facsimile number (703)-872-9306 on this date: 1 August 2003.	
Typed or printed name	Gwilym J.O. Atwell/Reg. No. 45,449
Signature	
Date	1 August 2003

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 615.00

Complete if Known

Application Number DR479,783
Filing Date January 7, 2000
First Named Inventor Stanley T. Crooke
Examiner Name Sean McGarry
Art Unit 1035
Attorney Docket No. ISIS002-102/SIS4312/29003

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money ☒ Other ☐ None
Order

☒ Deposit Account:

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Deposit Account Name Cozen O'Connor, P.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fees during the pendency of this application
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FEE CALCULATION

1. BASIC FILING FEE		Large Entity		Small Entity		Fee Description		Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
1001	750	2001	375			Utility filing fee			
1002	350	2002	165			Design filing fee			
1003	520	2003	260			Plant filing fee			
1004	750	2004	375			Resouse filing fee			
1005	160	2005	80			Provisional filing fee			

SUBTOTAL (1) (\$50)

2. EXTRA CLAIM FEES

Total Claims			Extra Claims		Fee Multiplier below		Fee Paid
4R	-31	=	17	X	9	=	153
Independent Claims	26	-15	=	11	X	42	= 462
Multiple				X		=	

Large Entity		Small Entity		Fee Description	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9		
1201	84	2201	42		
1203	280	2203	140		
1204	84	2204	42		
1205	18	2205	9		

SUBTOTAL (2) (\$316.00)

*For number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity		Small Entity		Fee Description		Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description			
1001	130	2001	65			Surcharge - late filing fee or oath			
1002	80	2002	40			Surcharge - late provisional filing fee or cover sheet			
1003	130	2003	65			Non-English specification			
1004	450	2004	225			For filing a request for reexamination			
1005	180	2005	90			Requesting publication of SIF prior to Examiner action			
1201	110	2201	55			Requesting publication of SIF after Examiner action			
1202	410	2202	205			Extension for reply within first month			
1203	900	2203	450			Extension for reply within second month			
1204	1,470	2204	735			Extension for reply within third month			
1205	1,970	2205	985			Extension for reply within fourth month			
1401	300	2401	150			Notice of Appeal			
1402	240	2402	120			Filing a brief in support of an appeal			
1403	280	2403	140			Request for oral hearing			
1404	1,610	2404	805			Petition to institute a public use proceeding			
1405	110	2405	55			Petition to revive - unavoidable			
1406	1,300	2406	650			Petition to revive - unintentional			
1501	470	2501	235			Utility issue fee (or release)			
1502	630	2502	315			Design issue fee			
1601	130	2601	65			Plant issue fee			
1602	50	2602	25			Petitions to the Commissioner			
1603	180	2603	90			Processing fee under 37 CFR 1.17 (e)			
1604	180	2604	90			Submission of Information Disclosure Sheet			
1605	40	2605	20			Reversing each patent assignment per property (times number of properties)			
1801	750	2801	375			Filing a submission after final rejection (37 CFR § 1.120(a))			
1802	750	2802	375			For each additional invention to be examined (37 CFR § 1.120(b))			
1803	600	2803	300			Response for Continued Examination (RCE)			
1804	600	2804	300			Request for expedited examination of a design application			

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$50)

SUBMITTED BY

Name (Print/Type) Onyiah J. O. Attwell Registration No. Attorney/Agent 48,440 Telephone 215-665-6904
Signature Date 1 August 2003

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DOCKET NO.: ISIS0002-102 (ISIS-4313)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Stanley T. Crooke

Serial No.: 09/479,783

Group Art Unit: 1635

Filed: **January 7, 2000**

Examiner: **Sean McGarry**

For: **OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA**

I hereby certify that this correspondence is being facsimile transmitted to Examiner McGarry at the United States Patent and Trademark Office (facsimile number 703-872-9306) on August 1, 2003


Cynthia John Owen Attwell, Registration No. 45,449

**Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Dear Sir:

AMENDMENT AND REQUEST FOR RECONSIDERATION

In response to the Office Action of May 1, 2003, Applicant respectfully requests that the following amendments be entered and that the rejection of claims in the application be reconsidered and withdrawn.